



## SEQUENCE LISTING

<110> CHEN, JIA-LUN  
FU, GANG  
SONG, HUAI-DONG

<120> A HUMAN HSG III GENE

<130> CPA-100US

<140> 09/554,945

<141> 2000-05-22

<150> PCT/CN98/00199

<151> 1998-09-22

<160> 2

<170> FastSEQ for Windows Version 3.0

<210> 1

<211> 2017

<212> DNA

<213> HOMO SAPIENS

<220> FEATURE

<221> UNSURE

<222> (1930) (1990) (2005)

<223> OTHER INFORMATION: cDNA Sequence

<400> 1

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| taaagctacg | ccctggccgc  | agtctccgcg  | tcacaggaac  | ttcagcaccc | acagggcgga | 60   |
| cagcgctccc | ctctacctgg  | agacttgact  | cccgcgcgcc  | ccaaccctgc | ttatcccttg | 120  |
| accgtcgagt | gtcagagatc  | ctgcagccgc  | ccagtcgccg  | cccctctccc | gccccacacc | 180  |
| caccctcctg | gctcttcctg  | tttttactcc  | tccttttcat  | tcataacaaa | agctacagct | 240  |
| ccaggagccc | agcgccgggc  | tgtgacccaa  | gccgagcgtg  | gaagaatggg | gttcctcggg | 300  |
| accggcactt | ggattctggt  | gttagtgctc  | ccgattcaag  | ctttccccaa | acctggagga | 360  |
| agccaagaca | aatctctaca  | taatagagaa  | ttaagtgcag  | aaagaccttt | gaatgaacag | 420  |
| attgctgaag | cagaagaaga  | caagattaaa  | aaaacataatc | ctccagaaaa | caagccaggt | 480  |
| cagagcaact | attcttttgt  | tgataaactg  | aacctgctaa  | gggcaataac | agaaaaggaa | 540  |
| aaaattgaga | aagaaaagaca | atctataaga  | agctccccac  | ttgataataa | gttgaatgtg | 600  |
| gaagatggtg | attcaaccaa  | gaatcgaaaa  | ctgatcgatg  | attatgactc | tactaagagt | 660  |
| ggattggatc | ataaatttca  | agatgatcca  | gatggtcttc  | atcaactaga | cgggactcct | 720  |
| ttaaccgctg | aagacattgt  | ccataaaatc  | gctgccagga  | tttatgaaga | aaatgacaga | 780  |
| gccgtgtttg | acaagattgt  | ttctaaacta  | cttaatctcg  | gccttatcac | agaaagccaa | 840  |
| gcacatacac | tggaagatga  | agtagcagag  | gttttacaaa  | aattaatctc | aaaggaagcc | 900  |
| aacaattatg | aggaggatcc  | caataagccc  | acaagctgga  | ctgagaatca | ggctggaaaa | 960  |
| ataccagaga | aagtgactcc  | aatggcagca  | attcaagatg  | gtcttgctaa | gggagaaaac | 1020 |
| gatgaaacag | tatctaacac  | attaaccttg  | acaaatggct  | tggaaaggag | aactaaaacc | 1080 |
| tacagtgaag | acaactttag  | ggacttccaa  | taatttccaa  | atttctatgc | gctactgaaa | 1140 |
| agtattgatt | cagaaaaaga  | agcaaaaagag | aaagaaacac  | tgattactat | catgaaaaca | 1200 |
| ctgattgact | ttgtgaagat  | gatggtgaaa  | tatggaacaa  | tatctccaga | agaaggtggt | 1260 |
| tcctaccttg | aaaacttggg  | tgaaatgatt  | gctcttcaga  | ccaaaaacaa | gctagaaaaa | 1320 |
| aatgctactg | acaatataag  | caagcttttc  | ccagcaccat  | cagagaagag | tcatgaagaa | 1380 |
| acagacagta | ccaaggaaga  | agcagctaag  | atggaaaagg  | aatatggaag | cttgaaggat | 1440 |
| tccacaaaag | atgataactc  | caaccagga   | ggaaagacag  | atgaacccaa | aggaaaaaca | 1500 |

RECEIVED  
AUG 22 2001  
TECH CENTER 1600/2900

|            |            |            |             |             |             |      |
|------------|------------|------------|-------------|-------------|-------------|------|
| gaagcctatt | tggaagccat | cagaaaaaat | attgaatggt  | tgaagaaaca  | tgacaaaaag  | 1560 |
| ggaaataaag | aagattatga | cctttcaaag | atgagagact  | tcatacaataa | acaagctgat  | 1620 |
| gcttatgtgg | agaaaggcat | ccttgacaag | gaagaagccg  | aggccatcaa  | gcgcatttat  | 1680 |
| agcagcctgt | aaaaatggca | aaagatccag | gagtccttca  | actgtttcag  | aaaacataat  | 1740 |
| atagcttaaa | acacttctaa | ttctgtgatt | aaaatttttt  | gacccaaggg  | ttattagaaa  | 1800 |
| gtgctgaatt | tacagtagtt | aaccttttac | aagtgggttaa | aacatagctt  | tcttcccgtta | 1860 |
| aaaactatct | gaaagtaaag | ttgtatgtaa | gctgagattt  | tgtatacagg  | aatccttatt  | 1920 |
| tcctcatagn | cttattattt | tataatcagg | aatatgttgc  | tttggaaaaa  | gcctcttaat  | 1980 |
| gggctgacn  | taaaaactca | atccttcttc | cactgtc     |             |             | 2017 |

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 <212> PRT  
 <213> HOMO SAPIENS

<400> 2

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|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Met | Gly | Phe | Leu | Gly | Thr | Gly | Thr | Trp | Ile | Leu | Val | Leu | Val | Leu | Pro |
| 1   |     |     | 5   |     |     |     |     | 10  |     |     |     |     |     | 15  |     |
| Ile | Gln | Ala | Phe | Pro | Lys | Pro | Gly | Gly | Ser | Gln | Asp | Lys | Ser | Leu | His |
|     |     |     | 20  |     |     |     |     | 25  |     |     |     |     | 30  |     |     |
| Asn | Arg | Glu | Leu | Ser | Ala | Glu | Arg | Pro | Leu | Asn | Glu | Gln | Ile | Ala | Glu |
|     |     | 35  |     |     |     |     | 40  |     |     |     |     | 45  |     |     |     |
| Ala | Glu | Glu | Asp | Lys | Ile | Lys | Lys | Thr | Tyr | Pro | Pro | Glu | Asn | Lys | Pro |
|     | 50  |     |     |     |     | 55  |     |     |     |     | 60  |     |     |     |     |
| Gly | Gln | Ser | Asn | Tyr | Ser | Phe | Val | Asp | Asn | Leu | Asn | Leu | Leu | Arg | Ala |
| 65  |     |     |     |     | 70  |     |     |     |     | 75  |     |     |     |     | 80  |
| Ile | Thr | Glu | Lys | Glu | Lys | Ile | Glu | Lys | Glu | Arg | Gln | Ser | Ile | Arg | Ser |
|     |     |     | 85  |     |     |     |     | 90  |     |     |     |     | 95  |     |     |
| Ser | Pro | Leu | Asp | Asn | Lys | Leu | Asn | Val | Glu | Asp | Val | Asp | Ser | Thr | Lys |
|     |     | 100 |     |     |     |     | 105 |     |     |     |     | 110 |     |     |     |
| Asn | Arg | Lys | Leu | Ile | Asp | Asp | Tyr | Asp | Ser | Thr | Lys | Ser | Gly | Leu | Asp |
|     | 115 |     |     |     |     | 120 |     |     |     |     |     | 125 |     |     |     |
| His | Lys | Phe | Gln | Asp | Asp | Pro | Asp | Gly | Leu | His | Gln | Leu | Asp | Gly | Thr |
|     | 130 |     |     |     |     | 135 |     |     |     |     | 140 |     |     |     |     |
| Pro | Leu | Thr | Ala | Glu | Asp | Ile | Val | His | Lys | Ile | Ala | Ala | Arg | Ile | Tyr |
| 145 |     |     |     | 150 |     |     |     |     |     | 155 |     |     |     |     | 160 |
| Glu | Glu | Asn | Asp | Arg | Ala | Val | Phe | Asp | Lys | Ile | Val | Ser | Lys | Leu | Leu |
|     |     |     | 165 |     |     |     |     |     | 170 |     |     |     |     | 175 |     |
| Asn | Leu | Gly | Leu | Ile | Thr | Glu | Ser | Gln | Ala | His | Thr | Leu | Glu | Asp | Glu |
|     |     | 180 |     |     |     |     |     | 185 |     |     |     | 190 |     |     |     |
| Val | Ala | Glu | Val | Leu | Gln | Lys | Leu | Ile | Ser | Lys | Glu | Ala | Asn | Asn | Tyr |
|     | 195 |     |     |     |     | 200 |     |     |     |     |     | 205 |     |     |     |
| Glu | Glu | Asp | Pro | Asn | Lys | Pro | Thr | Ser | Trp | Thr | Glu | Asn | Gln | Ala | Gly |
|     | 210 |     |     |     |     | 215 |     |     |     |     | 220 |     |     |     |     |
| Lys | Ile | Pro | Glu | Lys | Val | Thr | Pro | Met | Ala | Ala | Ile | Gln | Asp | Gly | Leu |
| 225 |     |     |     | 230 |     |     |     |     |     | 235 |     |     |     |     | 240 |
| Ala | Lys | Gly | Glu | Asn | Asp | Glu | Thr | Val | Ser | Asn | Thr | Leu | Thr | Leu | Thr |
|     |     |     | 245 |     |     |     |     |     | 250 |     |     |     |     | 255 |     |
| Asn | Gly | Leu | Glu | Arg | Arg | Thr | Lys | Thr | Tyr | Ser | Glu | Asp | Asn | Phe | Arg |
|     | 260 |     |     |     |     |     |     | 265 |     |     |     | 270 |     |     |     |
| Asp | Phe | Gln | Tyr | Phe | Pro | Asn | Phe | Tyr | Ala | Leu | Leu | Lys | Ser | Ile | Asp |
|     | 275 |     |     |     |     | 280 |     |     |     |     |     | 285 |     |     |     |
| Ser | Glu | Lys | Glu | Ala | Lys | Glu | Lys | Glu | Thr | Leu | Ile | Thr | Ile | Met | Lys |
|     | 290 |     |     |     | 295 |     |     |     |     |     | 300 |     |     |     |     |
| Thr | Leu | Ile | Asp | Phe | Val | Lys | Met | Met | Val | Lys | Tyr | Gly | Thr | Ile | Ser |
| 305 |     |     |     | 310 |     |     |     |     |     | 315 |     |     |     |     | 320 |
| Pro | Glu | Glu | Gly | Val | Ser | Tyr | Leu | Glu | Asn | Leu | Asp | Glu | Met | Ile | Ala |

[illegible]